

# Southern WV Safety Alert

Two mantrip accidents recently occurred at two separate mines due to inadequate preoperational checks and maintenance.

**Accident # 1:** After the service brake failed, a mantrip traveled down a mine grade and collided with another mantrip, causing injuries to three miners. The mantrip's brakes were contaminated with metal and a foreign fluid and the emergency brake actuator had been broken off. There was an accumulation of oil and grease on the brake disks, further reducing brake application.

**Accident # 2:** An unmanned, parked mantrip traveled down a mine grade and collided with another mantrip, causing injuries to five miners. The mantrip's parking brake was inoperative and the service brake was being applied with a wooden wedge. The service brake failed when a brake line ruptured, causing a loss of brake pressure.

Note where the emergency stop actuator should have been.



Note accumulation of oil/grease on brake rotor.

## Preventive Practices:

- ✓ Track equipment should be frequently examined and properly maintained to assure safe operating conditions.
- ✓ Never operate unsafe or poorly maintained equipment.
- ✓ All hazards that affect the safe operation of equipment must be reported and repaired prior to operating the equipment.
- ✓ All miners assigned to operate equipment should be trained in its operational capabilities.



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Mine Safety and Health Administration